

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1 – 10. (Cancelled)

11. (Previously Presented) A resilient pressure pad for an electrochemical cell, the pressure pad comprising:

an electrically conductive planar member;

a plurality of electrically conductive dimples disposed at a first surface of the planar member, the dimples being configured to impart resilience to the pressure pad in response to pressure variations within the cell; and

an elastomeric member threaded through the dimples.

12. (Original) The pressure pad of claim 11 wherein the dimples are semi-spherical in geometry.

13. (Original) The pressure pad of claim 12 wherein the dimples each comprise a stress point, the stress point defining a point at which the dimples collapse under pressure.

14. (Original) The pressure pad of claim 11 wherein the dimples are frusto-pyramidal in geometry.

15 - 18. (Cancelled)

19. (Previously Presented) The pressure pad of claim 11 wherein the elastomeric member is a fluorosilicone, a fluoroelastomer, or a combination thereof.

20. (Original) The pressure pad of claim 11 wherein the electrically conductive planar member is copper, silver, gold, chromium, zirconium, tantalum, titanium, niobium, iron, nickel, cobalt, hafnium, tungsten, alloys thereof, electrically conductive carbon, electrically conductive polymer, or combinations of the foregoing materials.

21. (Cancelled)

22. (Original) The pressure pad of claim 11 wherein the pressure pad is disposed in fluid communication with an electrode in the electrochemical cell.

23. (Previously Presented) A resilient pressure pad disposed in fluid communication with an electrode in an electrochemical cell, the pressure pad comprising:

an electrically conductive corrugated member; and

an elastomeric member threaded transversely through raised portions in the corrugated member.

24 - 26. (Cancelled)

27. (Previously Presented) The pressure pad of claim 23 wherein the elastomeric member is electrically conductive.

28. (Original) The pressure pad of claim 23 wherein the electrically conductive corrugated member is copper, silver, gold, chromium, zirconium, tantalum, titanium, niobium, iron, nickel, cobalt, hafnium, tungsten, alloys thereof, electrically conductive carbon, an electrically conductive polymeric material, or a combination of the foregoing materials.

29. (Previously Presented) The pressure pad of claim 23 wherein the elastomeric member is a fluorosilicone, a fluoroelastomer, or a combination thereof.

30 – 64. (Cancelled)